USER'S GUIDE

V8OFL-S
MOBILITY SCOOTER

HELLO

CONGRADULATIONS ON THE PURCHASE OF YOUR NEW SCOOTER. WE ARE QUITE CONFIDENT THAT YOU ARE GOING TO GET ALONG.

We designed this scooter with one main objective - to provide mobility, independance and freedom, all coupled with ease of use and a touch of style.

This user guide is intended to help you become familiar with the ins and outs of your scooter, so that you can ensure high performance and long life for your scooter.

We also recommend you follow the maintanece schedule outlined in this guide, and take advantage of our trained techinicians, both for regular maintenance, and if you should encounter your problem.

Now, without further adieu, enjoy your mobility scooter!

TABLE OF CONTENTS

FEATURES
BATTERY
BATTERY F.A.Q.
OPERATION
ELECTROMAGNETIC INTERFERENCE (EMI)
SAFETY
ASSEMBLY AND DISSASSEMBLY
MAINTENANCE
SPECIFICATIONS
WARRANTY
BUYER'S REGISTRATION FORM

The manufacturer reserves the rights of final interpretation on the manual. For any printing mistakes or new improvements, the manufacturer will update in the new editions.

FEATURES

Modular construction - disassembles in one minute without use of tools

Adjustable seat height

Swing away armrests

360 degrees swivel seat

Adjustable Forward/Reverse Seat

Adjustable tiller

Dynamic regenerative braking coupled with fail-safe elec tro-mechanical disk brake

Rear wheel direct drive with differential

Fully solid state controller

External Battery Charger

24-volt permanent magnet heavy duty DC motor

ON/OFF switch lock

Horn

Head light

Turning lights

Rear lights

Battery-charging indicator

Anti-tip-off safety wheels

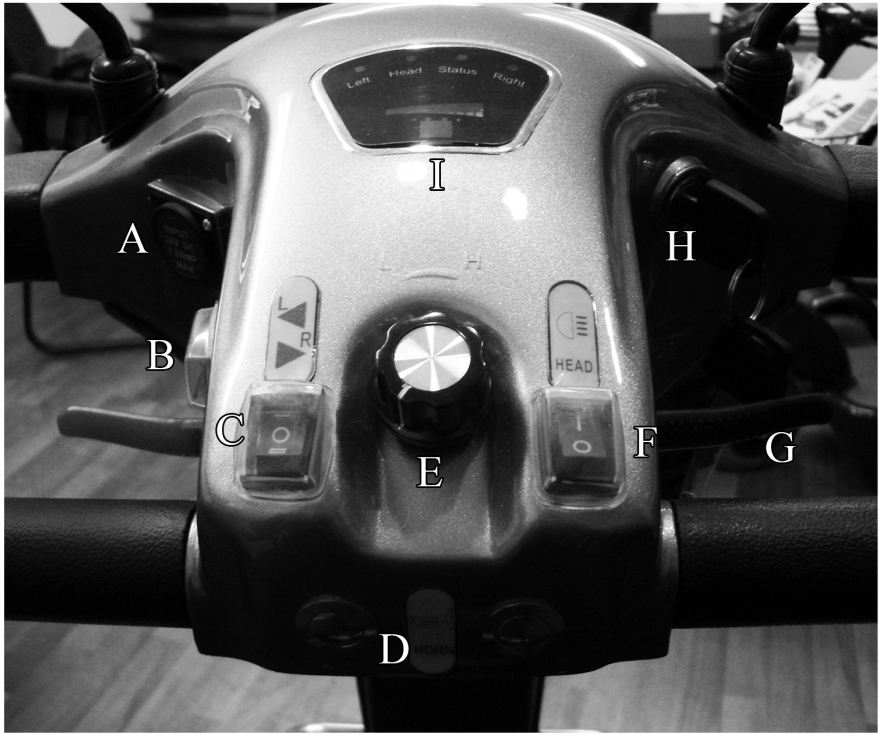
Front and rear bumpers

Accessories adapter

Automatic shut off while not in use

Electronic High/Low speed switch

A. Charger Plug In
B. High/Low Switch
C. Turn Signal Switch
D. Horn
E. Manual Speed Control
F. Light Switch
G. Forward/Reverse Lever
H. Ignition Switch
I. Status Panel



BATTERY

To ensure the best performance and maximum battery life, we recommend frequent battery charging. Your scooter comes with an external battery charger for your ease and convenience. The console battery display makes charging simple and easy. Follow these steps for battery charging.

READING YOUR BATTERY VOLUME

The console battery level display has two green lights (100% and 50%), one yellow light (25%, you'd better charge now), and one red light (almost empty, you must charge them right now).

CHARGING YOUR BATTERIES

On a dry surface, turn off the power key and plug the extension cord into the charger socket located on the steering column. Then plug the other end of the charger cord into a wall outlet.

Charge the battery for 6-8 hours depending on the usage before charging. Disconnect the extension cord, insert key into tiller and check if both green lights are on. If the right green light is flashing, remove the key and reconnect the charger for a while longer.

There is no possible way to overcharge the battery as the charging voltage is set constant. In general, you may start charging before you go to bed at night and disconnect it in the next morning. There is no possible way to overcharge the battery as the charging voltage is set constant. In general, you may start charging before you go to bed at night and disconnect it in the next morning.

BATTERY F.A.Q.

How does the charger work?
When your scooter's battery voltage is low, the charger works harder, sending more electrical current to the battery to bring up their charge. When the voltage approaches full level, the charger is at nearly zero amperage. Therefore, when the charger is plugged in, it maintains the charging on your scooter's batteries, but will not overcharge them. But we do not recommend that you charge your scooter for more than 24 consecutive hours.

What if my scooter's batteries won't charge?
Ensure that both ends of the charger cord are inserted fully.

How often must I charge the batteries?
It depends on how often you use it:
- If you use your scooter daily, charge its batteries everyday. Your scooter will be ready each morning to give you a full day of service.
- If you use your scooter once a week or less, charge its batteries at least once a week for 12 to 14 hours at a time.
- Keep your scooter's batteries fully charged.
- Avoid discharging your scooter's batteries.

What type and size battery should I use?
Your scooter is equipped with two deep-cycle batteries that are sealed and maintenance free. Use only the battery model designed for this scooter that is supplied by Moose Mobility Scooter Co.

NOTE: Sealed batteries are not serviceable. Do not remove the caps.

Why do my new batteries seem weak?
New batteries will not delivery their full capabilities until they have been discharged and recharged in about 5 times.

How can I ensure maximum battery life?
Fully charged deep-cycle batteries provide reliable performance and extended battery life. Keep your scooter's batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life.

OPERATION

BEFORE GETTING ONTO YOUR SCOOTER

- Have you fully charged the batteries? (See page 5, “Batteries and charging.”)
- Ensure that the clutch realease lever in the open (power driven) position. Never leave the clutch realease lever in the close position unless you are manually pushing your scooter.
- Ensure that the tiller lock knob is in the locked position. (See page 9, “Disassembly and assembly.”)

OPERATING YOUR SCOOTER

- Set the speed adjustment dial to your desired speed. Set the high/low switch for how much power you will need. Setting the switch to “high” will increase the speed of the scooter
- Press the throttle control lever to move and *release the lever to stop*. The green lever moves the scooter forward, and the red lever moves the scooter backward.

Note: your scooter’s backward speed is slower than the forward speed for safety reasons.

ELECTROMAGNETIC INTERFERENCE

Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect powered scooter and motorized scooters. Following the warnings listed below should reduce the chance of unintended brake release or powered scooter movement, which could result in serious injury.

1) Do not operate hand-held transceivers (transmitters-receivers), such as citizens band (CB) radios, or turn ON personal communication devices, such as cellular phones, while the powered scooter is turned ON.
2) Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them;
3) If unintended movement or brake release occurs, turn the powered scooter OFF as soon as it is safe.
4) Be aware that adding accessories or components, or modifying the powered scooter, may make it more susceptible to EMI (Note: There is no easy way to evaluate their effect on the overall immunity of the powered scooter.
5) Report all incidents of unintended movement or brake release to the powered scooter manufacturer, and note whether there is a source of EMI nearby.
If unintended motion or brake release occurs, turn the power OFF as soon as it is safe.
FDA recommends that you report all incidents of unintended motion or brake release to us or your dealer, and if possible, note whether there was a radio wave source nearby at the time of the incident. You may also report to FDA’s Med Watch problem reporting program. Call 1-800-FDA-1088 and ask for Form 3500.

The following warning label is included in order to make users always aware that a possibility of electromagnetic interference exists.

We highly recommend you visit the support page on our website, moosemobilityscooter.com/support, to learn more about electromagnetic interference.

SAFETY

Your scooter can negotiate grass, gravel, dirt, and sand surfaces, as well as hard paved or carpeted surfaces. However, extra caution should be taken when operating your unit on uneven surfaces other than flat surfaces.

You should also be aware of the potential effect of electromagnetic interference (EMI) on scooter operation. More information about EMI can be found on the previous page or on our website at www.moosemobilityscooter.com/support

- DO NOT drive off or over obstacles exceeding 5 cm in height.
- DO NOT make abrupt changes in direction at high speed or while traveling on an incline.
- DO NOT climb inclines greater than 12 degrees or a rise of 2 meters in 10 meters.
- DO NOT travel on highways and freeways; ALWAYS stay in the bike lanes and sidewalks.
- DO NOT operate your unit when the red battery indicator light is flashing.
- DO NOT operate your unit with the clutch lever in the disengaged position.
- DO NOT mount or dismount your unit with power switch in the “ON” position.
- ALWAYS make sure that the steering tiller adjustment knobs are tight.
- ALWAYS make sure that the seat is locked so that it will not swing during operation.
- WE RECOMMEND using a seat belt and bike helmet for safety.
- DO NOT turn ON or use hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while your scooter is turned ON.
- BE AWARE of nearby transmitters, such as radio or TV stations and hand-held or mobile two-way radios, and try to avoid coming close to them.
- BE AWARE that adding accessories or components, or modifying your scooter, may make it more susceptible to interference from radio wave sources.

ASSEMBLY AND DISSASSEMBLY

The scooter has been designed to assembled and disassembled quickly and easily without the use of tools. Excessive force should not be required. If you encounter a problem, please refer to the User's Guide, then try again. If the problem persists, don't hesitate to call your authorized dealer for assistance.

PIECES

The scooter consists of the following main modules, which you can put together or dismantle without using any tools:
(1) Front chassis (2) Rear chassis (3) Seat (4) Two batteries
(5) Rear fairing

ASSEMBLY

(1) Clean the two joint heads on the rear chassis.
(2) Position the front and rear chassis such that the joint heads and holes are aligned.
(3) Taking the wheels as swinging pivots lift the front and rear chassis slightly till the heads and holes are at the same level.
(4) Pull the two chassis together.
(5) Insert the security pins into the positioning holes.
(6) Plug the control cable from the front chassis into the receptacle on the rear chassis.
(7) Adjust the tiller angle by loosening and tightening the knobs at the lower and upper joints.
(8) Place batteries onto the floor pan and secure them.
(9) Join each battery with the branched cable first, and then join it with the receptacle from the controller box.
(10) Join all cables with the same labeling, except the cable for turning lights.
(11) Put the rear fairing in place and connect the cable for the turning lights.
(12) Set the seat on the seat post and lock the seat in position by tightening the knob.
(13) Adjust the height of the seat by bolt on the seat post under the seat.

DISSASSEMBLY

To dismantle the scooter just reverse the steps for assembly.
*You must power off your scooter before dissassembly.

(1) Turn off the power and take out the power key from switch lock.
(2) Loosen and Remove the seat from the seat post.
(3) Disconnect the turning lights cable and remove the rear fairing.
(4) Disconnect the main battery cable from the controller.
(5) Unplug all battery connections.
(6) Remove the batteries from floor pan.
(7) Disconnect the front chassis cable from the controller.
(8) Fold down the tiller to horizontal.
(9) Pull out the security pins from the positioning holes.
(10) Holding the tiller by one hand and seat post by another, push away from each other, while swinging both modules slightly up and down.

TRANSPORTATION

Of course, the best way to transport your scooter is when it's fully assembled to avoid possible mistakes during its installation. The Journey Series scooters can fit most car models. Following the steps below will aid in the transportation of your scooter.

(1) Place the rear chassis first into the car trunk. Put it close to one side and ensure that the clutch is engaged for avoiding possible movement during the trip.
(2) Place the front chassis across the remaining section of the trunk.
(3) Load the batteries.
(4) Place the seat in a way that the upholstery is protected. In case there is no room for the seat, place it upside down on the back seat of your car.

MAINTENANCE

Your scooter requires proper care and maintenance. If you do not feel confident in your ability to perform the maintenance listed below, you may schedule inspection and maintenance with your authorized dealer. The following areas require periodic inspection and/or care and maintenance.

TIRES

Regularly inspect your scooter's tires for signs of wear.

WIRING

Regularly check the wiring insulation for wear or damage. Have your authorized dealer repair or replace any damaged connectors, or insulation in case there is any damage.

AXLE BEARINGS AND THE MOTOR TRANSAXLE ASSEMBLY

These items are all prelubricated, sealed, and require no subsequent lubrication.

CONSOLE, CHARGER, AND ELECTRONICS

Keep these areas free of water. If any of these items do become exposed to water, let dry thoroughly before using it again.

STORAGE

If you plan not to use your scooter for an extended period of time, you should:

- Fully charge its batteries prior to storage.
- Remove the battery pack.
- Store your scooter in a warm, dry environment, where it will be kept from extreme temperature and weather.

In order to obtain the best performance and lasting service life, please maintain your unit according to the following schedule and instructions:

DAILY	1. Test brake effectiveness before you drive. 2. Recharge batteries fully every night.
WEEKLY	1. Clean seat upholstery, plastic body and covers. 2. Check and tighten the throttle screw.
MONTHLY	1. Check battery condition, clean terminals if necessary. 2. Check all electrical wire connectors to eliminate loose connections. 3. Tighten all exposed bolts and nuts. 4. Check wheel bearings by spinning tires and checking for free rotation
YEARLY	Visit your dealership and let a technician check your scooter completely.

SPECIFICATIONS

Model Number	V80FL-S
Overall Length	1560 mm
Overall Width	690 mm
Overall Height	1280 mm
Weight With Battery	119 kg
Turning Radius	1.5 m
Forward Speed (maximum)	12 km/h
Backward Speed (maximum)	4.8 km/h
Range Per Charge*	55 km
Ground Clearance	60 mm
Maximum Climbing Grade	15 degrees
Load Capacity	205 kg

*Varies with user weight, terrain type, battery condition, and tire condition

Standard Seating	Luxury seat Dimesions: 570 x 520 x 710 mm
Speed Adjustment	Stepless speed system
Drive System	Rear-wheel drive, sealed mini transaxle ,24 volt DC motor
Motor Power	800 W (Rated)
Dual Braking System	Electronic, regenerative, and hand.
Tires	14 inch pneumatic
Wheel Hub	Aluminum Alloy
Battery Specifications	Sealed battery x 2 pcs 12V 55AH Lead-acid battery Weight: 47 kg
Battery Charger	Input 110V/240V AC Output 24V DC/5amp

WARRANTY

The manufacturer guarantees that the products manufactured by them to be free from defects in materials and workmanship for a period of one year from the date of purchase. If, within such warrant period, any such products shall be proven to be defective, such product shall be repaired or replaced, at the manufacturer's option.

To guarantee your benefits and the excellent after-sale service provided by the manufacturer, please read the following carefully.

I) GUARANTEE CONTENTS, TARGETS AND DEADLINE:

1. Guarantee contents:

Please purchase the unit from the manufacturer or authorized dealer. Operate according to the instructions set in this manual. The manufacturer guarantee to any quality problems concerning its manufacturing or materials within the guarantee period.

2. Guarantee target and deadline: from the date of purchase
(1) The motor gearbox is guaranteed to replace within a month and to repair within a year.
(2) The controller is guaranteed to replace within 3 months. The electric system is guaranteed within 1 year.
(3) The battery is guaranteed to change if goes under 60% of its fixed capacity within 6 month.
(4) One year repairing is guaranteed against any misshaped frame and broken welding seam.
(5) The color of the shroud is guaranteed if faded within 6 month.
(6) The tires, seats and other tear and wear parts are not covered by the guarantee.

II) GUARANTEE IS NOT ENSURED WITH THE PROBLEMS CAUSED BY THE FOLLOWING:

(1) Do not operate according to the manual.
(2) Do not get maintenance from the specified dealers.
(3) Do not use the components or parts made by our corporation.
(4) Modify the unit or its part without authorization.
(5) The warranty has expired.
(6) Incidents caused by uncontrollable factors such as typhoon, floods, fire, earthquake or war.

BUYER'S REGISTRATION FORM

Mobility Scooters

NOTICE: SELLING DEALER SHOULD COMPLETE THIS FORM AT THE TIME OF SALE TO REGISTER WARRANTY.

Customer Name: _____

Address: _____

City: _____ State _____Zip Code: _____

Telephone: _____ Date of Purchase: _____

Selling Dealer: _____

Dealer's Address: _____

City:_____ State:_____ Zip Code:_____

Dealer's Telephone Phone: _____ Fax: _____

Model Number: _____

Serial Number: _____ Colour: _____

Type of Purchase: Consumer ___ Rental ___ Other ___

Date of Purchase: _____

_____

Customer Signature

MOOSE
MOBILITY SCOOTER CO.
Est. 2013